

**DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION**

Original

Supplemental

Substitute

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if more than one name is listed below) of the subject matter which is claimed and for which a United States patent is sought on the invention entitled

**INHIBITION OF S6 KINASE ACTIVITY FOR THE TREATMENT OF INSULIN RESISTANCE**

the specification of which:

is attached hereto.

was filed on \_\_\_\_\_ as Application No. \_\_\_\_\_  
(day/month/year)

and, if this box (□) contains an x

was amended on \_\_\_\_\_  
(day/month/year)

was filed as Patent Cooperation Treaty international Application No.

PCT/EP 2004/009368 on 20.08.2004  
(day/month/year)

and, if this box (□) contains an x

entered the national stage in the United States and was accorded Application No.  
\_\_\_\_\_

and, if this box (□) contains an x

was amended, subsequent to entry into the national stage, on \_\_\_\_\_  
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I hereby claim the benefit under 35 U.S.C. 119(a)-(d) or (f) or 365(b) of any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate listed below and under 35 U.S.C. 365(a) of any Patent Cooperation Treaty international application(s) designating at least one country other than the United States listed below and have also listed below any foreign application(s) for patent, inventor's certificate or plant breeder's right certificate and Patent Cooperation Treaty international application(s) designating at least one country other than the United States for the same subject matter and having a filing date before that of the application the priority of which is claimed for that subject matter:

COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	PRIORITY CLAIMED	
			<input type="checkbox"/> Yes	<input type="checkbox"/> No
			<input type="checkbox"/> Yes	<input type="checkbox"/> No
			<input type="checkbox"/> Yes	<input type="checkbox"/> No
			<input type="checkbox"/> Yes	<input type="checkbox"/> No
			<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

APPLICATION NO.	FILING DATE (day/month/year)
60/497,226	22.08.2003

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s) listed below and under 35 U.S.C. 365(c) of any Patent Cooperation Treaty international application(s) designating the United States listed below:

United States Application No.	United States Filing Date (day/month/year)	Status (Pending, Abandoned or U.S. Patent No.)	International Application No. and Filing Date (day/month/year)

I hereby appoint all of the registered practitioners associated with Customer No. 001095, respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

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Please send all correspondence relating to this application to the address associated with Customer No. 001095.

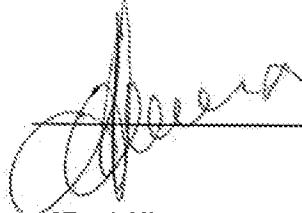
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---

Full name of sole  
or first joint inventor

Johan AUWERX

Inventor's signature



Date

5/5/2002  
(day/month/year)

Residence

67150 Hindisheim, France

Citizenship

Belgium

Post Office Address

195 rue du Moulin  
67150 Hindisheim  
France

---

Full name of second  
joint inventor, if any

Francesca FRIGERIO

Inventor's signature

Date

(day/month/year)

Residence

4058 Basel, Switzerland

Citizenship

Italy

Post Office Address

Schönaustrasse 67  
4058 Basel  
Switzerland

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---

Full name of third joint inventor, if any **Stefano FUMAGALLI**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **4058 Basel, Switzerland**

Citizenship **Italy**

Post Office Address **Wettsteinallee 93  
4058 Basel  
Switzerland**

---

Full name of fourth joint inventor, if any **Sara KOZMA**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **45215 Wyoming, USA**

Citizenship **Belgium**

Post Office Address **422, Hillcrest Drive  
45215 Wyoming  
USA**

---

Full name of fifth joint inventor, if any **Frederic PICARD**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **Levis, QC, G6V 4A8, Canada**

Citizenship **Canada**

Post Office Address **7 rue Belleau  
Levis, QC, G6V 4A8  
Canada**

---

Full name of sixth  
joint inventor, if any **Melanie STICKER-JANTSCHEFF**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **79211 Denzlingen, Germany**

Citizenship **Germany**

Post Office Address **Stuttgarter Strasse 11  
79211 Denzlingen  
Germany**

---

Full name of seventh  
joint inventor, if any **George THOMAS**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **68220 Hésingue, France**

Citizenship **USA**

Post Office Address **16, rue des Pins  
68220 Hésingue  
France**

---

Full name of eighth  
joint inventor, if any **Sung Hee UM**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **4058 Basel, Switzerland**

Citizenship **Korea-South**

Post Office Address **Schönaustrasse 67  
4058 Basel  
Switzerland**

---

Full name of ninth  
joint inventor, if any

**Mitsuhiko WATANABE**

Inventor's signature



Date

5/9/2006

(day/month/year)

Residence **67400 Illkirch-Graffenstaden, France**

Citizenship **Japan**

Post Office Address  
**131A route de Lyon  
1st floor  
67400 Illkirch-Graffenstaden  
France**

---

Full name of tenth  
joint inventor, if any

Inventor's signature

Date

(day/month/year)

Residence

Citizenship

Post Office Address

---

Full name of eleventh  
joint inventor, if any

Inventor's signature

Date

(day/month/year)

Residence

Citizenship

Post Office Address

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Yes  No  
 Yes  No  
 Yes  No  
 Yes  No  
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60/497,226 22.08.2003

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---

Full name of sole  
or first joint inventor **Johan AUWERX**

Inventor's signature  Date **18/09/06**  
(day/month/year)

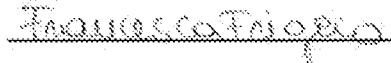
Residence **67150 Hindisheim, France**

Citizenship **Belgium**

Post Office Address  
**195 rue du Moulin  
67150 Hindisheim  
France**

---

Full name of second  
joint inventor, if any **Francesca FRIGERIO**

Inventor's signature  Date **18/09/06**  
(day/month/year)

Residence **4058 Basel, Switzerland**

Citizenship **Italy**

Post Office Address  
**Schönaustrasse 67  
4058 Basel  
Switzerland**

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Full name of third joint inventor, if any **Stefano FUMAGALLI**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **4058 Basel, Switzerland**

Citizenship **Italy**

Post Office Address **Wettsteinallee 93  
4058 Basel  
Switzerland**

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Full name of fourth joint inventor, if any **Sara KOZMA**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **45215 Wyoming, USA**

Citizenship **Belgium**

Post Office Address **422, Hillcrest Drive  
45215 Wyoming  
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Full name of fifth joint inventor, if any **Frederic PICARD**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
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Residence **Levis, QC, G6V 4A8, Canada**

Citizenship **Canada**

Post Office Address **7 rue Belleau  
Levis, QC, G6V 4A8  
Canada**

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Full name of sixth joint inventor, if any **Melanie STICKER-JANTSCHEFF**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **79211 Denzlingen, Germany**

Citizenship **Germany**

Post Office Address **Stuttgarter Strasse 11  
79211 Denzlingen  
Germany**

---

Full name of seventh joint inventor, if any **George THOMAS**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
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Residence **68220 Hésingue, France**

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Post Office Address **16, rue des Pins  
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Full name of eighth joint inventor, if any **Sung Hee UM**

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Full name of ninth  
joint inventor, if any **Mitsuhiko WATANABE**

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Residence **67400 Illkirch-Graffenstaden, France**

Citizenship **Japan**

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Full name of tenth  
joint inventor, if any

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
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Citizenship

Post Office Address

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Full name of eleventh  
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Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
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Full name of sole  
or first joint inventor      **Johan AUWERX**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence      **67150 Hindisheim, France**

Citizenship      **Belgium**

Post Office Address      **195 rue du Moulin  
67150 Hindisheim  
France**

---

Full name of second  
joint inventor, if any      **Francesca FRIGERIO**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence      **4058 Basel, Switzerland**

Citizenship      **Italy**

Post Office Address      **Schönaustrasse 67  
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Switzerland**

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Full name of third joint inventor, if any **Stefano FUMAGALLI**

Inventor's signature



Date

12/9/2006  
(day/month/year)

Residence **4058 Basel, Switzerland**

Citizenship **Italy**

Post Office Address **Wettsteinallee 93  
4058 Basel  
Switzerland**

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Full name of fourth joint inventor, if any **Sara KOZMA**

Inventor's signature

Date

(day/month/year)

Residence **45215 Wyoming, USA**

Citizenship **Belgium**

Post Office Address **422, Hillcrest Drive  
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USA**

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Full name of fifth joint inventor, if any **Frederic PICARD**

Inventor's signature

Date

(day/month/year)

Residence **Levis, QC, G6V 4A8, Canada**

Citizenship **Canada**

Post Office Address **7 rue Belleau  
Levis, QC, G6V 4A8  
Canada**

---

Full name of sixth joint inventor, if any **Melanie STICKER-JANTSCHEFF**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **79211 Denzlingen, Germany**

Citizenship **Germany**

Post Office Address **Stuttgarter Strasse 11  
79211 Denzlingen  
Germany**

---

Full name of seventh joint inventor, if any **George THOMAS**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **68220 Hésingue, France**

Citizenship **USA**

Post Office Address **16, rue des Pins  
68220 Hésingue  
France**

---

Full name of eighth joint inventor, if any **Sung Hee UM**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **4058 Basel, Switzerland**

Citizenship **Korea-South**

Post Office Address **Schönaustrasse 67  
4058 Basel  
Switzerland**

---

Full name of ninth  
joint inventor, if any **Mitsuhiro WATANABE**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **67400 Illkirch-Graffenstaden, France**

Citizenship **Japan**

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France**

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Full name of tenth  
joint inventor, if any

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence

Citizenship

Post Office Address

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Full name of eleventh  
joint inventor, if any

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---

Full name of sole  
or first joint inventor **Johan AUWERX**

Inventor's signature 

---

 Date 

---

  
(day/month/year)

Residence **67150 Hindisheim, France**

Citizenship **Belgium**

Post Office Address **195 rue du Moulin  
67150 Hindisheim  
France**

---

Full name of second  
joint inventor, if any **Francesca FRIGERIO**

Inventor's signature 

---

 Date 

---

  
(day/month/year)

Residence **4058 Basel, Switzerland**

Citizenship **Italy**

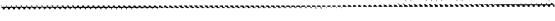
Post Office Address **Schönaustrasse 67  
4058 Basel  
Switzerland**

---

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---

Full name of third joint inventor, if any **Stefano FUMAGALLI**

Inventor's signature  Date \_\_\_\_\_  
(day/month/year)

Residence **4058 Basel, Switzerland**

Citizenship **Italy**

Post Office Address **Wettsteinallee 93  
4058 Basel  
Switzerland**

---

Full name of fourth joint inventor, if any **Sara KOZMA**

Inventor's signature  Date **12/08/2006**  
(day/month/year)

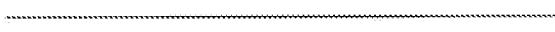
Residence **45215 Wyoming, USA**

Citizenship **Belgium**

Post Office Address **422, Hillcrest Drive  
45215 Wyoming I.O.H.  
USA**

---

Full name of fifth joint inventor, if any **Frederic PICARD**

Inventor's signature  Date \_\_\_\_\_  
(day/month/year)

Residence **Levis, QC, G6V 4A8, Canada**

Citizenship **Canada**

Post Office Address **7 rue Belleau  
Levis, QC, G6V 4A8  
Canada**

Full name of sixth joint inventor, if any **Melanie STICKER-JANTSCHEFF**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **79211 Denzlingen, Germany**

Citizenship **Germany**

Post Office Address **Stuttgarter Strasse 11  
79211 Denzlingen  
Germany**

Full name of seventh joint inventor, if any **George THOMAS**

Inventor's signature \_\_\_\_\_ Date **12/09/2006**  
(day/month/year)

Residence **45215 Wyoming, USA  
68220-Hesingue, France**

Citizenship **USA**

Post Office Address **16, rue des Pins 422 Hillcrest Drive  
68220-Hesingue 45215 Wyoming, USA  
France**

Full name of eighth joint inventor, if any **Sung Hee UM**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **4058 Basel, Switzerland**

Citizenship **Korea-South**

Post Office Address **Schönaustrasse 67  
4058 Basel  
Switzerland**

Full name of ninth  
joint inventor, if any

Mitsuhiro WATANABE

Inventor's signature

Date

(day/month/year)

Residence

67400 Illkirch-Graffenstaden, France

Citizenship

Japan

Post Office Address

131A route de Lyon  
1st floor  
67400 Illkirch-Graffenstaden  
France

Full name of tenth  
joint inventor, if any

Inventor's signature

Date

(day/month/year)

Residence

Citizenship

Post Office Address

Full name of eleventh  
joint inventor, if any

Inventor's signature

Date

(day/month/year)

Residence

Citizenship

Post Office Address

**DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION**

Original

Supplemental

Substitute

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if more than one name is listed below) of the subject matter which is claimed and for which a United States patent is sought on the invention entitled

**INHIBITION OF S6 KINASE ACTIVITY FOR THE TREATMENT OF INSULIN RESISTANCE**

the specification of which:

is attached hereto.

was filed on \_\_\_\_\_ as Application No. \_\_\_\_\_  
(day/month/year)

and, if this box (□) contains an \*

was amended on \_\_\_\_\_  
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was filed as Patent Cooperation Treaty international Application No.

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COUNTRY/REGION (OR P.C.T.)	APPLICATION No.	FILING DATE (day/month/year)	PRIORITY CLAIMED	
			<input type="checkbox"/> Yes	<input type="checkbox"/> No
			<input type="checkbox"/> Yes	<input type="checkbox"/> No
			<input type="checkbox"/> Yes	<input type="checkbox"/> No
			<input type="checkbox"/> Yes	<input type="checkbox"/> No
			<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

APPLICATION NO.	FILING DATE (day/month/year)
60/497,226	22.06.2003

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Full name of sole  
or first joint inventor **Johan AUWERX**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **67150 Hindisheim, France**

Citizenship **Belgium**

Post Office Address **195 rue du Moulin  
67150 Hindisheim  
France**

---

Full name of second  
joint inventor, if any **Francesca FRIGERIO**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

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Citizenship **Italy**

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Full name of third joint inventor, if any **Stefano FUMAGALLI**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **4058 Basel, Switzerland**

Citizenship **Italy**

Post Office Address **Wettsteinallee 93  
4058 Basel  
Switzerland**

Full name of fourth joint inventor, if any **Sara KOZMA**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **45215 Wyoming, USA**

Citizenship **Belgium**

Post Office Address **422, Hillcrest Drive  
45215 Wyoming  
USA**

Full name of fifth joint inventor, if any **Frederic PICARD**

Inventor's signature  Date   
**Frederic Picard**  
(day/month/year)

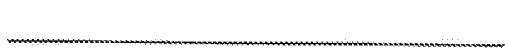
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Full name of sixth  
joint inventor, if any **Melanie STICKER-JANTSCHEFF**

Inventor's signature  Date \_\_\_\_\_  
(day/month/year)

Residence **79211 Denzlingen, Germany**

Citizenship **Germany**

Post Office Address **Stuttgarter Strasse 11  
79211 Denzlingen  
Germany**

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Full name of seventh  
joint inventor, if any **George THOMAS**

Inventor's signature  Date \_\_\_\_\_  
(day/month/year)

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Citizenship **USA**

Post Office Address **16, rue des Pins  
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France**

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Full name of eighth  
joint inventor, if any **Sung Hee UM**

Inventor's signature  Date \_\_\_\_\_  
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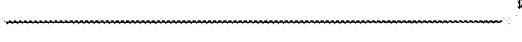
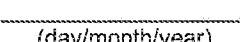
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Citizenship **Korea-South**

Post Office Address **Schönaustrasse 67  
4058 Basel  
Switzerland**

---

Full name of ninth  
joint inventor, if any **Mitsuhiro WATANABE**

Inventor's signature  Date   
(day/month/year)

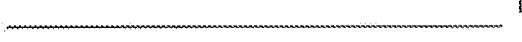
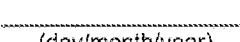
Residence **67400 Illkirch-Graffenstaden, France**

Citizenship **Japan**

Post Office Address **131A route de Lyon  
1st floor  
67400 Illkirch-Graffenstaden  
France**

---

Full name of tenth  
joint inventor, if any

Inventor's signature  Date   
(day/month/year)

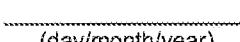
Residence

Citizenship

Post Office Address

---

Full name of eleventh  
joint inventor, if any

Inventor's signature  Date   
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Residence

Citizenship

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**DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION**

Original

Supplemental

Substitute

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---

Full name of sole  
or first joint inventor      **Johan AUWERX**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence      **67150 Hindisheim, France**

Citizenship      **Belgium**

Post Office Address      **195 rue du Moulin  
67150 Hindisheim  
France**

---

Full name of second  
joint inventor, if any      **Francesca FRIGERIO**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence      **4058 Basel, Switzerland**

Citizenship      **Italy**

Post Office Address      **Schönaustrasse 67  
4058 Basel  
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Full name of third joint inventor, if any **Stefano FUMAGALLI**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **4058 Basel, Switzerland**

Citizenship **Italy**

Post Office Address **Wettsteinallee 93  
4058 Basel  
Switzerland**

---

Full name of fourth joint inventor, if any **Sara KOZMA**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **45215 Wyoming, USA**

Citizenship **Belgium**

Post Office Address **422, Hillcrest Drive  
45215 Wyoming  
USA**

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Full name of fifth joint inventor, if any **Frederic PICARD**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **Levis, QC, G6V 4A8, Canada**

Citizenship **Canada**

Post Office Address **7 rue Belleau  
Levis, QC, G6V 4A8  
Canada**

---

Full name of sixth joint inventor, if any **Melanie STICKER-JANTSCHEFF**

Inventor's signature  Date **15/09/2006**  
(day/month/year)

Residence **79244 Denzlingen, Germany** **8049 Zürich, Switzerland**

Citizenship **Germany**

Post Office Address **Stuttgarter Strasse 44**  
**79244 Denzlingen**  
**Germany** **Naglerwiesenstr. 40**  
**8049 Zürich**  
**Switzerland**

---

Full name of seventh joint inventor, if any **George THOMAS**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **68220 Hésingue, France**

Citizenship **USA**

Post Office Address **16, rue des Pins**  
**68220 Hésingue**  
**France**

---

Full name of eighth joint inventor, if any **Sung Hee UM**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence **4058 Basel, Switzerland**

Citizenship **Korea-South**

Post Office Address **Schönaustrasse 67**  
**4058 Basel**  
**Switzerland**

---

Full name of ninth  
joint inventor, if any      **Mitsuhiko WATANABE**

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence      **67400 Illkirch-Graffenstaden, France**

Citizenship      **Japan**

Post Office Address      **131A route de Lyon  
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France**

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Full name of tenth  
joint inventor, if any

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
(day/month/year)

Residence

Citizenship

Post Office Address

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Full name of eleventh  
joint inventor, if any

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_  
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**DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES PATENT APPLICATION**

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Supplemental

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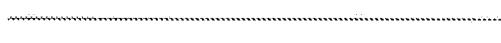
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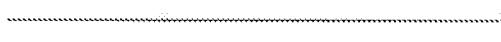
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Switzerland**

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**IMPORTANT:** Before this declaration is signed, the patent application (the specification, the claims and this declaration) must be read and understood by each person signing it, and no changes may be made in the application after this declaration has been signed.

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Full name of tenth joint inventor, if any

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Residence

Citizenship

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Full name of eleventh joint inventor, if any

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